

CLAIMS

1. A method of producing a laminate, which comprises continuously laminating a heat-resistant film having thermal fusibility with a metallic foil, characterized in that the temperature of the ends of the laminate is the same as or higher than that of the center portion in the cooling process after lamination.

2. The method of producing a laminate according to claim 1, wherein the temperature of the ends is 40°C higher than that of the center portion.

3. The method of producing a laminate according to claim 1 or 2, which comprises laminating using a heated roll laminating apparatus.

4. The method of producing a laminate according to any one of claims 1 to 3, which comprises disposing a protective material between the pressing surface of the heated roll laminating apparatus and a laminating material, thermally laminating them at 200°C or higher, thereby to slightly contact the protective material with the laminating material, cooling the laminate and removing the protective material from the laminate.

5. The method of producing a laminate according to any one of claims 1 to 4, wherein the heat-resistant film having thermal fusibility comprises a non-thermoplastic polyimide film and a resin containing a thermally fusible component provided on the surface of the non-thermoplastic polyimide film.

6. The method of producing a laminate according to any one of claims 1 to 5, wherein the thermally fusible component of the heat-resistant film contains a thermoplastic polyimide in an amount of 50% by weight or more based on 100% by weight of the thermally fusible component.

7. The method of producing a laminate according to any one of claims 1 to 6, wherein the metallic foil is a copper foil having a thickness of 50 μm or less.

8. The method of producing a laminate according to any one of claims 1 to 7, wherein the protective material is a non-thermoplastic polyimide film.